

Non-Catalog Model

Frequency Mixer Level 7 (LO Power +7 dBm)

ADE-5X

Important Note

This is a non-catalog model and can be manufactured on specific request. Pricing and delivery information can be supplied upon request.



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CASE STYLE : CD542

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	5		1500	MHz
	RF (fL to fU)	5		1500	MHz
	IF	2		1000	MHz
Conversion Loss	mid band		6.2	7.5	dB
	Total Range			8.0	dB
LO-RF Isolation	Low Range	40	55		dB
	Mid Range	25	33		dB
	Upper Range	20	30		dB
LO-IF Isolation	Low Range	45	60		dB
	Mid Range	25	40		dB
	Upper Range	20	32		dB
IP3 Input			+8		dBm
1 dB Comp. Input Power			+1		dBm

Notes: Low Range = [fL to 10fL] Mid Range = [10fL to fU/2] Upper Range = [fU/2 to fU]
 mid band = [2fL to fU/2]

Aqueous washable.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	50mW
IF Current	40mA

PIN CONNECTIONS	
LO	6
RF	2
IF	3
GROUND	1, 4, 5

Electrical Schematics

